

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	67	(US-20020085900-\$ or US-20020084701-\$ or US-20020084170-\$ or US-20030109947-\$ or US-20060242818-\$ or US-20100044350-\$ or US-20030115746-\$ or US-20060048366-\$ or US-20070006462-\$ or US-20040056498-\$ or US-20040056497-\$ or US-20080124171-\$ or US-20090001763-\$ or US-20100060042-\$ or US-20010016973-\$ or US-20090260209-\$ or US-20100299904-\$).did. or (US-6591756-\$ or US-6648126-\$ or US-6664667-\$ or US-5319845-\$ or US-5014405-\$ or US-5778517-\$ or US-4658501-\$ or US-5125298-\$ or US-6153853-\$ or US-6364817-\$ or US-6477880-\$ or US-3942235-\$ or US-4246939-\$ or US-4887341-\$ or US-5040290-\$ or US-5035615-\$ or US-5191707-\$ or US-5291645-\$ or US-5295295-\$ or US-5513428-\$ or US-6226848-\$ or US-6409642-\$ or US-6604279-\$ or US-6763573-\$ or US-7197810-\$ or US-7472475-\$).did. or (US-4876786-\$ or US-4773156-\$ or US-4969249-\$ or US-5079832-\$ or US-5210931-\$ or US-5608956-\$ or US-5640750-\$ or US-5722148-\$ or US-6591488-\$ or US-6643905-\$ or US-4799581-\$ or US-3827127-\$ or US-4100661-\$ or US-4369563-\$ or US-4531284-\$ or US-4310958-\$ or US-4204303-\$ or US-7266871-\$ or US-7509718-\$ or US-5720090-\$).did. or (US-5125298-\$ or DE-19521061-\$ or US-5014405-\$ or US-4658501-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/04/20 14:00
L2	1	1 and (movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (relative \$2 respect relation correspond\$4 separate\$2 different\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) with (driver wrench tool device apparatus)) with (platform plane carrier frame base carriage) with (telescop\$4 collaps\$4 extend\$4 expand\$4 retract\$4)	US-PGPUB; USPAT; FPRS; EPO	OR	ON	2011/04/20 14:01

L3	8415	(movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (relative\$2 respect relation corresponds\$4 separate\$2 different\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) near4 (tool apparatus device driver wrench))	US-PGPUB; USPAT; FPRS; EPO	OR	ON	2011/04/20 14:03
L4	374	(movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (relative\$2 respect relation corresponds\$4 separate\$2 different\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) near4 (tool apparatus device driver wrench)) same spindle	US-PGPUB; USPAT; FPRS; EPO	OR	ON	2011/04/20 14:04
L5	5	(movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (relative\$2 respect relation corresponds\$4 separate\$2 different\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) near4 (tool apparatus device driver wrench)) same spindle and ((numeric alphanumeric) with (control\$4 robot\$4))	US-PGPUB; USPAT; FPRS; EPO	OR	ON	2011/04/20 14:05
L6	10	(movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (relative\$2 respect relation corresponds\$4 separate\$2 different\$2) same (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) near4 (tool apparatus device driver wrench)) same spindle and ((numeric alphanumeric) with (control\$4 robot\$4))	US-PGPUB; USPAT; FPRS; EPO	OR	ON	2011/04/20 14:07
L7	914	(movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (independent\$2 same (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) near4 (tool apparatus device driver wrench)))	US-PGPUB; USPAT; FPRS; EPO	OR	ON	2011/04/20 14:08
L8	391	(movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (independent\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) near4 (tool apparatus device driver wrench)))	US-PGPUB; USPAT; FPRS; EPO	OR	ON	2011/04/20 14:08
L9	181	(movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) near4 (independent\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) near4 (tool apparatus device driver wrench)))	US-PGPUB; USPAT; FPRS; EPO	OR	ON	2011/04/20 14:09
S1	8	("5125298") or ("5778517") or ("5014405") or ("4658501"). PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/15 16:20

S2	82	((lutz near2 werner) or (wohlfarth near2 klaus)).in.	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/15 17:20
S3	37	((lutz near2 werner) or (wohlfarth near2 klaus)).in.	US-PPGPUB; USPAT	OR	ON	2010/07/15 17:21
S4	2	("5319845").PN.	US-PPGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/15 17:35
S5	16	(US-20020085900-\$ or US-20020084701-\$ or US-20020084170-\$ or US-20030109947-\$).did. or (US-6591756-\$ or US-6648126-\$ or US-6664667-\$ or US-5319845-\$ or US-5014405-\$ or US-5778517-\$ or US-4658501-\$ or US-5125298-\$).did. or (US-5125298-\$ or DE-19521061-\$ or US-5014405-\$ or US-4658501-\$).did.	US-PPGPUB; USPAT; DERWENT	OR	ON	2010/07/15 17:38
S6	4	S5 and ((screw helical threaded) with (driver wrench tool))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/15 17:40
S7	1509885	(vehicle vehicular automotive automobile car)	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/16 14:05
S8	391442	((screw\$3 helical thread\$3) with (driver wrench tool device apparatus))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/16 14:06
S9	63274	S7 and S8	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/16 14:07
S10	404496	(robot robotics\$4 (alphanumeric\$3 remote near4 control\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/16 14:09
S11	6402	S9 and S10	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/16 14:09
S12	525	S11 and carriage	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/16 14:10

S13	92	S12 and (telescop\$4 telescopically)	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/16 14:11
S14	53427	"296".clas.	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 12:10
S15	231	(29/795,813).OCLS.	US-PPGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/19 12:10
S16	101	S15 and (screw\$3 helical thread\$3 spiral)	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 12:11
S17	12134	S14 and (screw\$3 helical thread\$3 spiral)	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 12:47
S18	11284	S17 and (vehicle vehicular automotive automobile car)	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 12:48
S19	1903	S14 and ((screw\$3 helical thread\$3) with (driver wrench tool device apparatus))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 12:48
S20	96	S19 and (robot robotic\$4 ((alphanumeric\$3 remote) near4 control\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 12:49
S21	1690	(29/701,703,716,771,787,273,823).OCLS.	US-PPGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/19 13:04
S22	194	S21 and ((screw\$3 helical thread\$3) with (driver wrench tool device apparatus))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 13:04
S23	47	S22 and (robot robotic\$4 ((alphanumeric\$3 remote) near4 control\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 13:05

S24	54	(US-20020085900-\$ or US-20020084701-\$ or US-20020084170-\$ or US-20030109947-\$ or US-20060242818-\$ or US-20100044350-\$ or US-20030115746-\$ or US-20060048366-\$ or US-20070006462-\$ or US-20040056498-\$ or US-20040056497-\$ or US-20080124171-\$ or US-20090001763-\$ or US-20100060042-\$).did. or (US-6591756-\$ or US-6648126-\$ or US-6664667-\$ or US-5319845-\$ or US-5014405-\$ or US-5778517-\$ or US-4658501-\$ or US-5125298-\$ or US-6153853-\$ or US-6364817-\$ or US-6477880-\$ or US-3942235-\$ or US-4246939-\$ or US-4887341-\$ or US-5040290-\$ or US-5095615-\$ or US-5191707-\$ or US-5291645-\$ or US-5295295-\$ or US-5513428-\$ or US-6226848-\$ or US-6409642-\$ or US-6604279-\$ or US-6763573-\$ or US-7197810-\$ or US-7472475-\$).did. or (US-4876786-\$ or US-4773156-\$ or US-4969249-\$ or US-5079832-\$ or US-5210931-\$ or US-5608956-\$ or US-5640750-\$ or US-5722148-\$ or US-6591488-\$ or US-6643905-\$).did. or (US-5125298-\$ or DE-19521061-\$ or US-5014405-\$ or US-4658501-\$).did.	US-PPGPUB; USPAT; DERWENT	OR	ON	2010/07/19 17:07
S25	30	S24 and (robot robotics\$4 same ((alphanumeric\$3 numeric\$3) near4 control\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 17:07
S26	1	S24 and ((robot robotics\$4) same ((alphanumeric\$3 numeric\$3) near4 control\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 17:08
S27	1	S24 and ((robot robotics\$4) same ((alphanumeric\$4 numeric\$4) near4 control\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 17:08
S28	231	(29/795,813).OCLS.	US-PPGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/19 17:09
S29	1690	(29/701,703,716,771,787,273,823).OCLS.	US-PPGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/19 17:09
S30	1189	S28 S29	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 17:09

S31	10	\$30 and ((robot robotic\$4) same ((alphanumeric\$4 numeric\$4) near4 control\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 17:10
S32	1	\$30 and ((robot robotic\$4) same ((alphanumeric\$4 numeric\$4) near4 control\$4) same (axis axes))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2010/07/19 17:11
S33	1875	(29/701,703,716,771,787,795,273,813,823).OCLS.	US-PPGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/02/28 12:25
S34	230	\$33 and ((screw\$3 helical thread\$3) with (driver wrench tool device apparatus))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2011/02/28 12:27
S40	10869	((movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (relative\$2 respect relation corresponds\$4 separate\$2 different\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) with (driver wrench tool device apparatus) and (platform plane carrier frame base carriage) same (telescop\$4 collaps\$4 extend\$4 expand\$4 retract\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2011/02/28 16:15
S41	2057	((movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (relative\$2 respect relation corresponds\$4 separate\$2 different\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) with (driver wrench tool device apparatus) same (platform plane carrier frame base carriage) same (telescop\$4 collaps\$4 extend\$4 expand\$4 retract\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2011/02/28 16:15
S42	1347	((movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (relative\$2 respect relation corresponds\$4 separate\$2 different\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) with (driver wrench tool device apparatus) with (platform plane carrier frame base carriage) with (telescop\$4 collaps\$4 extend\$4 expand\$4 retract\$4))	US-PPGPUB; USPAT; FPRS; EPO	OR	ON	2011/02/28 16:16

S43	246	(movement mov\$3 transition\$3 actual\$3 advanc\$3 transfer\$3 transport\$3 transportation travel\$4) with (relative\$2 respect relation correspond\$4 separate\$2 different\$2) with (screwdriver screw?driver (screw\$3 helical thread\$3 bolt\$3) with (driver wrench tool device apparatus) with (platform plane carrier frame base carriage) with (telescop\$4 collaps\$4 extend\$4 expand\$4 retract\$4) and (vehicle vehicular automotive automobile car)	US-PPGUB; USPAT; FPRS; EPO	OR	ON	2011/02/28 16:18
S44	173370	"29".clas.	US-PPGUB; USPAT; FPRS; EPO	OR	ON	2011/02/28 16:27
S45	519	S40 and S44	US-PPGUB; USPAT; FPRS; EPO	OR	ON	2011/02/28 16:28

### EAST Search History (Interference)

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4/20/2011 3:08:06 PM

C:\Documents and Settings\jcarley\My Documents\EAST\Workspaces\10596273\_automatic driver device for vehicles\_07152010.wsp